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EIC 3600

STIC Database Tracking Number: 94803

TO: Emmanuel Marcelo
Location: Suite 5D-30
Art Unit : 3654
Tuesday, January 06, 2004,,

Case Serial Number: 09/728831

From: Etelka Griffin

Location: EIC 3600

PK5-Suite 804

Phone: 308-4211

Etelka.griffin@uspto.gov

Search Notes

LITIGATION SEARCH



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Today's Date:

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AU 3654 Examiner # 72459

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Terms: **patno=5350131** ([Edit Search](#))

788801 (07) 5350131 September 27, 1994

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5350131

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September 27, 1994

Fishing reels with a spool receiving the fishing line

REISSUE: Reissue Application filed Dec. 1, 2000 (O.G. Jan. 16, 2001) Ex. Gp.: 3653; Re. S.N. 09/728,831, (O.G. January 16, 2001)

INVENTOR: Baumgartner, Walter, Theilenhofen, DE; Hamann, Dieter, Gunzenhausen, DE

APPL-NO: 788801 (07)

FILED-DATE: November 7, 1991

GRANTED-DATE: September 27, 1994

ASSIGNEE-AT-ISSUE: D.A.M. Deutsche Angelgerate Manufaktur Hellmuth Kuntze GmbH & Co. KG, DE

ASSIGNEE-AFTER-ISSUE: January 2, 1992 - ASSIGNMENT OF ASSIGNORS INTEREST., D.A.M. DEUTSCHE ANGELGERATE MANUFAKTUR HELLMUTH KUNTZE GMBH & CO. KG INDUSTRI ESTR. 7 GUNZENHAUSEN 8820 GERMANY, Reel and Frame Number: 005995/0042

LEGAL-REP: Bacon & Thomas

REF-CITED:

2724563, 1955, United States (US)
4191343, 1980, United States (US)
5143318, 1992, United States (US)
917518, Germany (DE)
944828, Germany (DE)
7006743, Germany (DE)
7007657, Germany (DE)
3417716, Germany (DE)
2264480, France (FR)
694177, Italy (IT)
0006497, Japan (JP)
986787, South Korea (KR)
402790, South Korea (KR)

CORE TERMS: cam, spool, slot, stud, stroke, gear, travel, winding, spindle, sidewall ...

ENGLISH-ABST:

In a fishing reel of the type in which the spool for receiving the fishingline is caused to move to and fro in the direction of its winding axis in response to a cam drive for driving a spindle attached to the spool, the cam drive including a guide part with a guide slot into which projects an eccentrically mounted cam stud, the guide slot is in the form of an elongated S in order to impart an acceleration to the spool at its reversing points, and thereby prevent formation of bulges at the sides of the spool during winding. The locations in the guide slot corresponding to reversing points of the spool are offset from a center line of the guide slots along a longitudinal axis of the slot in a direction perpendicular to the stroke direction, resulting in the above- described acceleration and also having the effect of increasing displacement of the cam drive mechanism in the stroke direction.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > **Utility, Design and Plant Patents**



Terms: **patno=5350131** (Edit Search)

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Segments: [Abst](#), [Appl-no](#), [Assigneeaftissue](#), [Assigneeatissue](#), [English-abst](#), [Filed-date](#), [Granted-date](#), [Inventor](#),
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*Patent Cases from Federal
Courts and Administrative
Materials*

Patent Number :

US5350131 A 19940927 [US5350131]

Title :

(A) Fishing reels with a spool receiving the fishing line

Patent Assignee :

(A) KUNTZE ANGELGERAETE DAM (DE)

Patent Assignee :

D.A.M. Deutsche Angelgerate Manufaktur Hellmuth Kuntze GmbH & Company KG, [DE]

Inventor(s) :

(A) BAUMGARTNER WALTER (DE); HAMANN DIETER (DE)

Application Nbr :

US78880191 19911107 [1991US-0788801]

Priority Details :

DE4035846 19901110 [1990DE-4035846]

Intl Patent Class :

(A) A01K-089/015

EPO ECLA Class :

A01K-089/01K

US Patent Class :

ORIGINAL (O) : 242242000; CROSS-REFERENCE (X) : 242484100

Document Type :

Corresponding document

Citations :

US2724563; US4191343; US5143318; DE917518; DE944828; DE7006743;
DE7007657; DE3417716; FR2264480; IT694177; JP0006497; KR986787;
KR402790

Publication Stage :

(A) United States patent

Abstract :

In a fishing reel of the type in which the spool for receiving the fishing line is caused to move to and fro in the direction of its winding axis in response to a cam drive for driving a spindle attached to the spool, the cam drive including a guide part with a guide slot into which projects an eccentrically mounted

cam stud, the guide slot is in the form of an elongated S in order to impart an acceleration to the spool at its reversing points, and thereby prevent formation of bulges at the sides of the spool during winding. The locations in the guide slot corresponding to reversing points of the spool are offset from a center line of the guide slots along a longitudinal axis of the slot in a direction perpendicular to the stroke direction, resulting in the above-described acceleration and also having the effect of increasing displacement of the cam drive mechanism in the stroke direction.

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Patent Number :

US5350131 A 19940927 [US5350131]

Application Number :

US78880191 19911107 [1991US-0788801]

Action Taken :

19920102 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: D.A.M. DEUTSCHE ANGELGERATE MANUFAKTUR
HELLMUTH KU; EFFECTIVE DATE: 19911203

19920102 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: BAUMGARTNER, WALTER; EFFECTIVE DATE: 19911203

19920102 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: HAMANN, DIETER; EFFECTIVE DATE: 19911203

20010116 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20001201

Update Code :

2003-22

Search statement 6

Query/Command : PRT SS 5 MAX 1 LEGAL

/// INPADOC - ©INPADOC

Patent Number :

US 5350131 A 19940927 [US5350131]

Title :

FISHING REELS WITH A SPOOL RECEIVING THE FISHING LINE

Inventor(s) :

BAUMGARTNER WALTER [DE]; HAMANN DIETER [DE]

Patent Assignee (Words) :

KUNTZE ANGELGERAETE DAM [DE]

Application Details :

US 788801/91-A 19911107 [1991US-0788801]

Priority Details :

DE 4035846/90-A 19901110 [1990DE-4035846]

Intl. Patent Class. :

A01K-089/015

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Patent Number :

US5350131 A 19940927 [US5350131]

Application Number :

US78880191 19911107 [1991US-0788801]

Action Taken :

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ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: HAMANN, DIETER; EFFECTIVE DATE: 19911203

20010116 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20001201

Update Code :

2003-22